

FIG. 1a

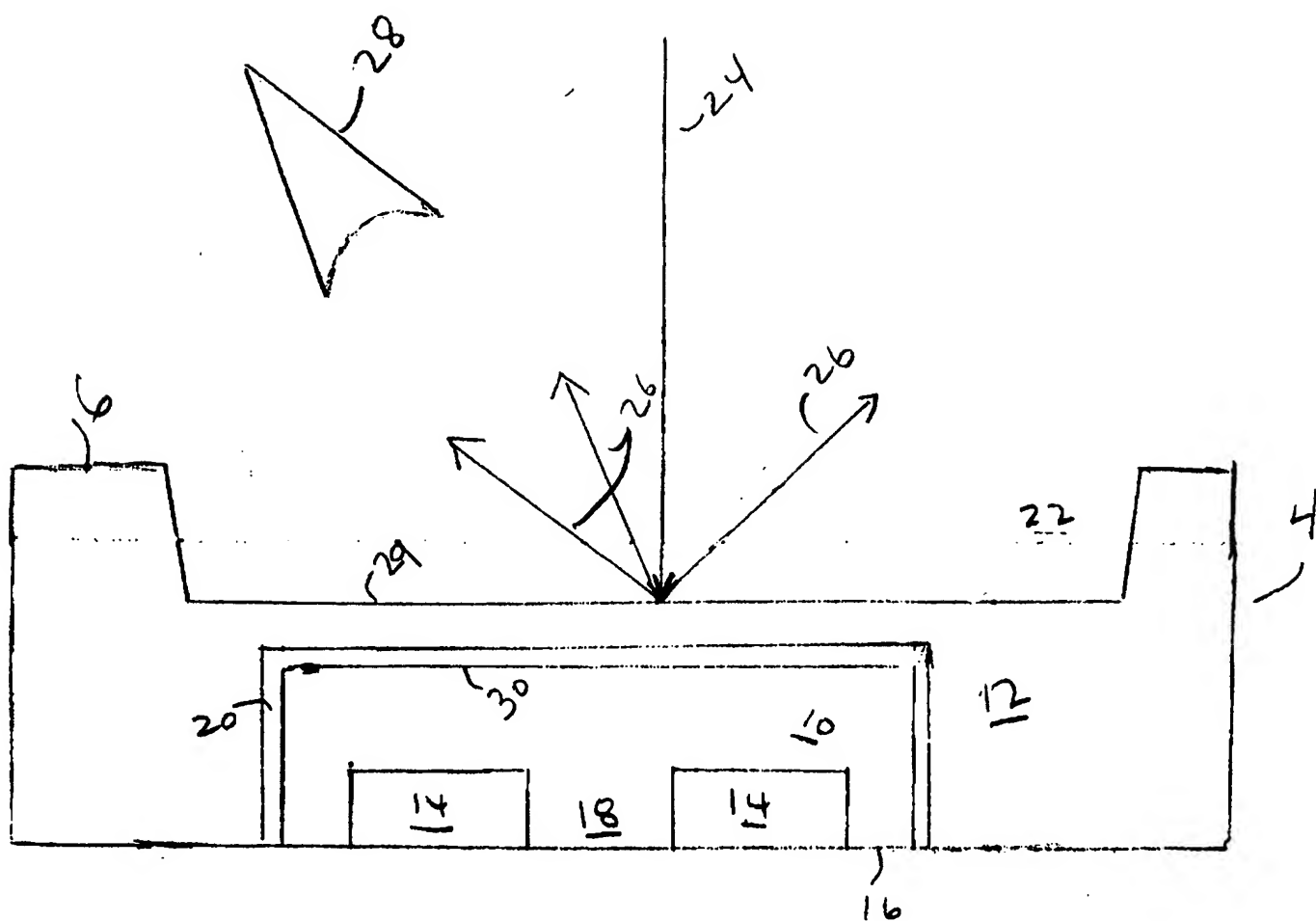


Fig. 1b

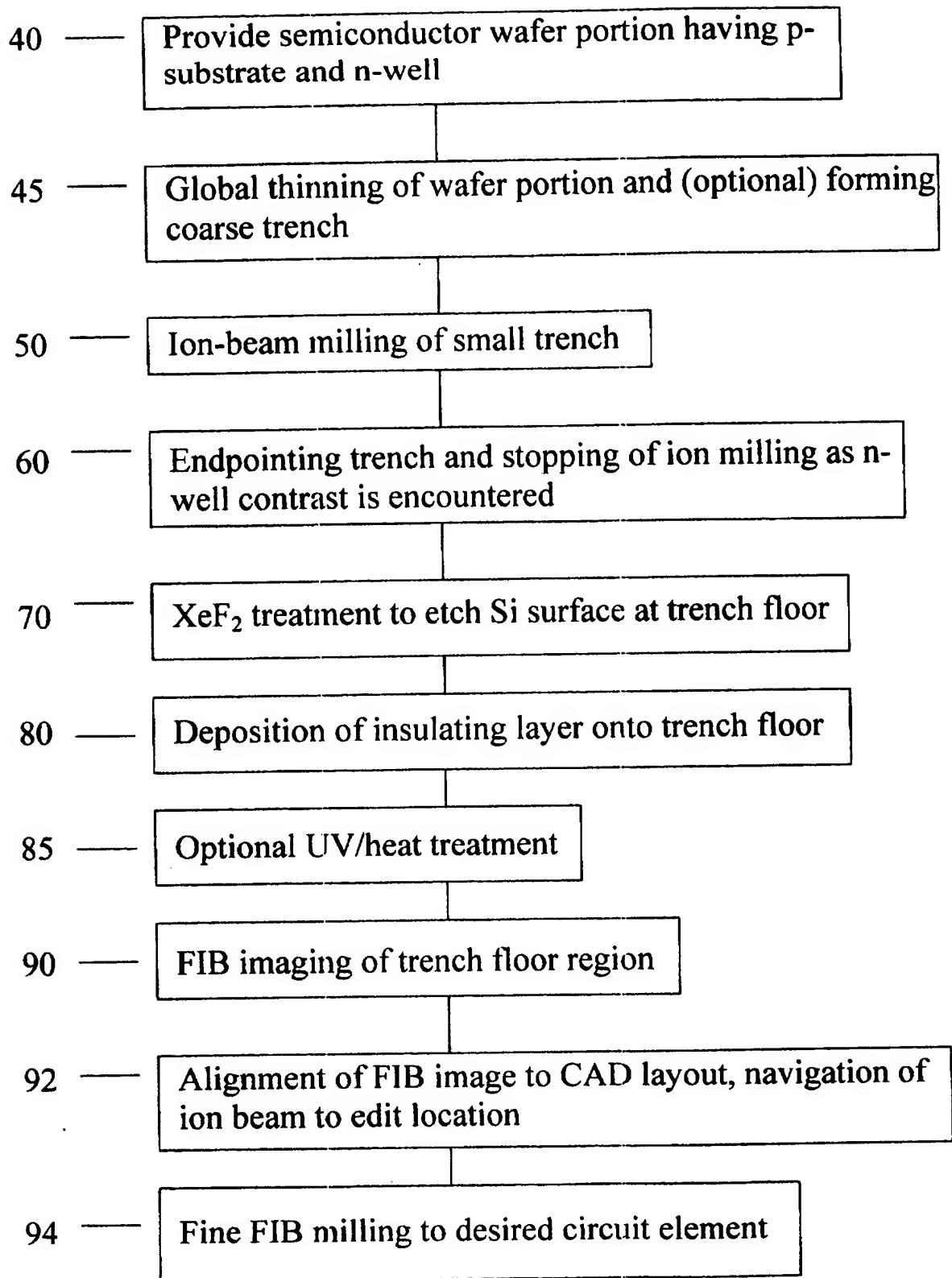
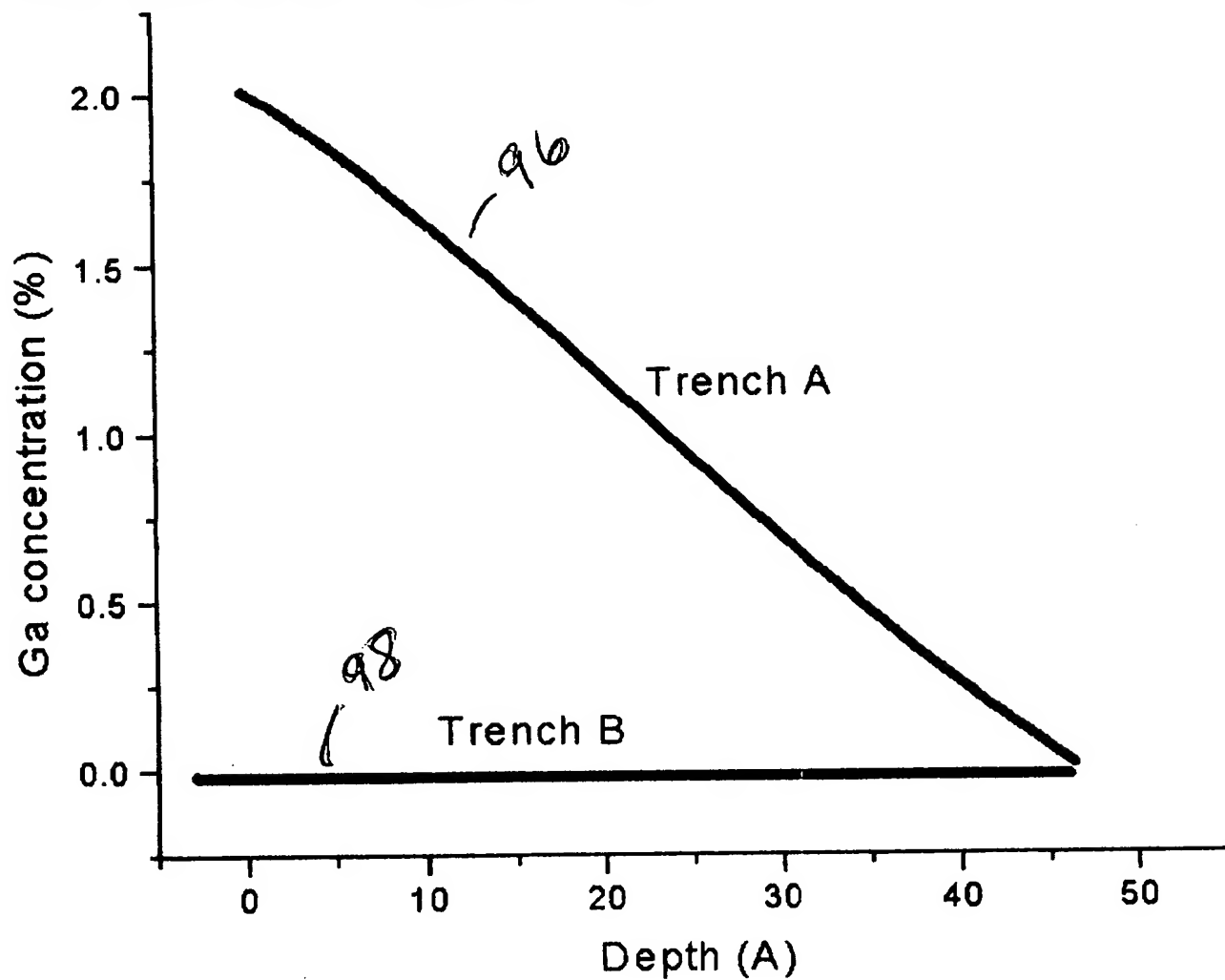


FIG. 2

# Ga concentration at the trench floor



F16.3

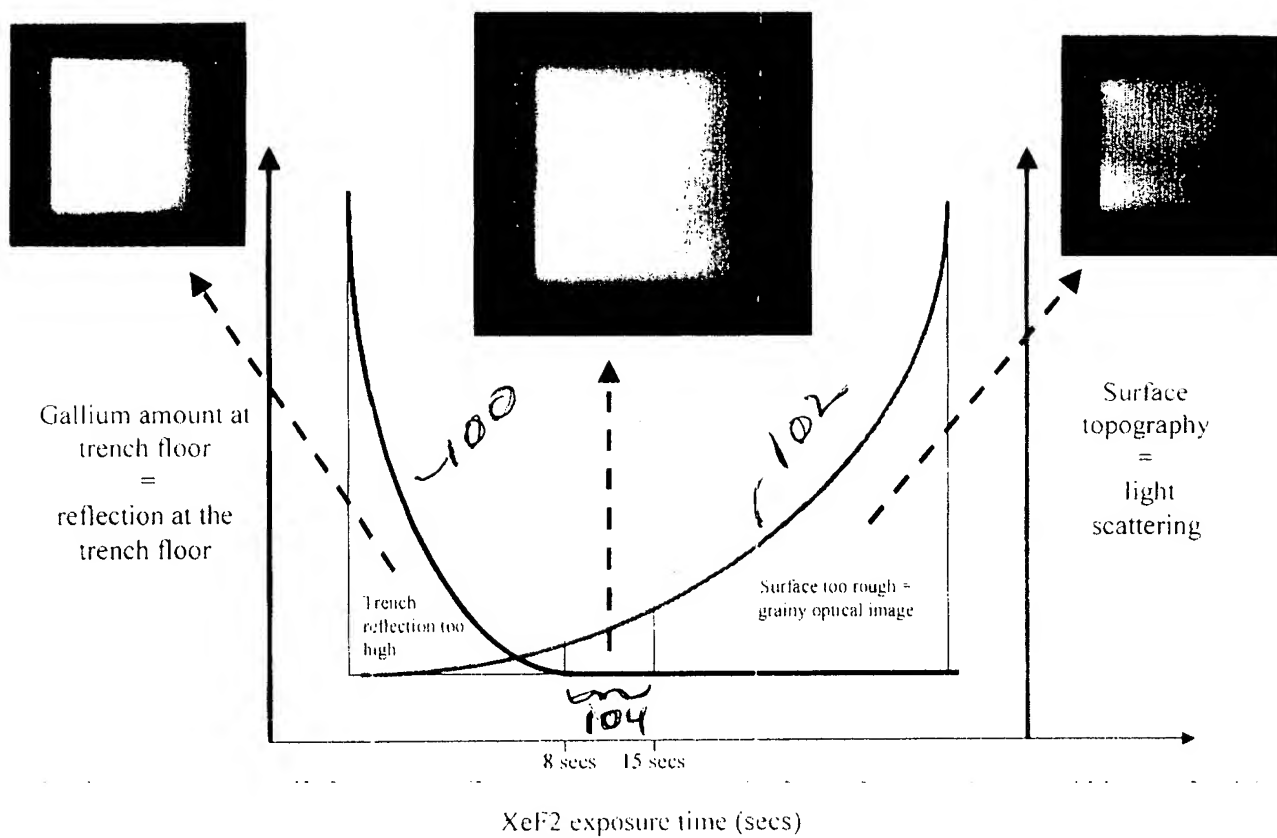


FIG. 4

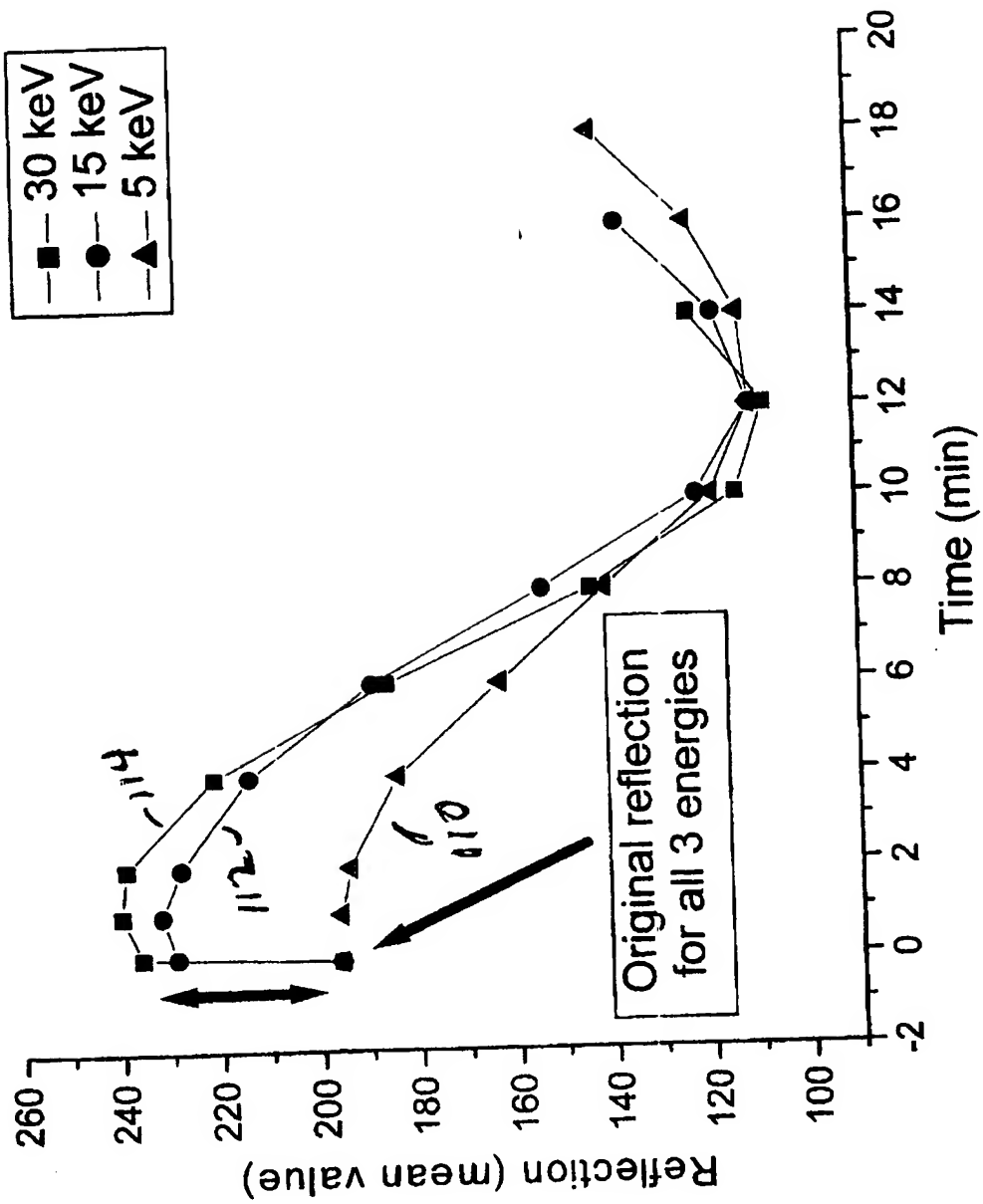
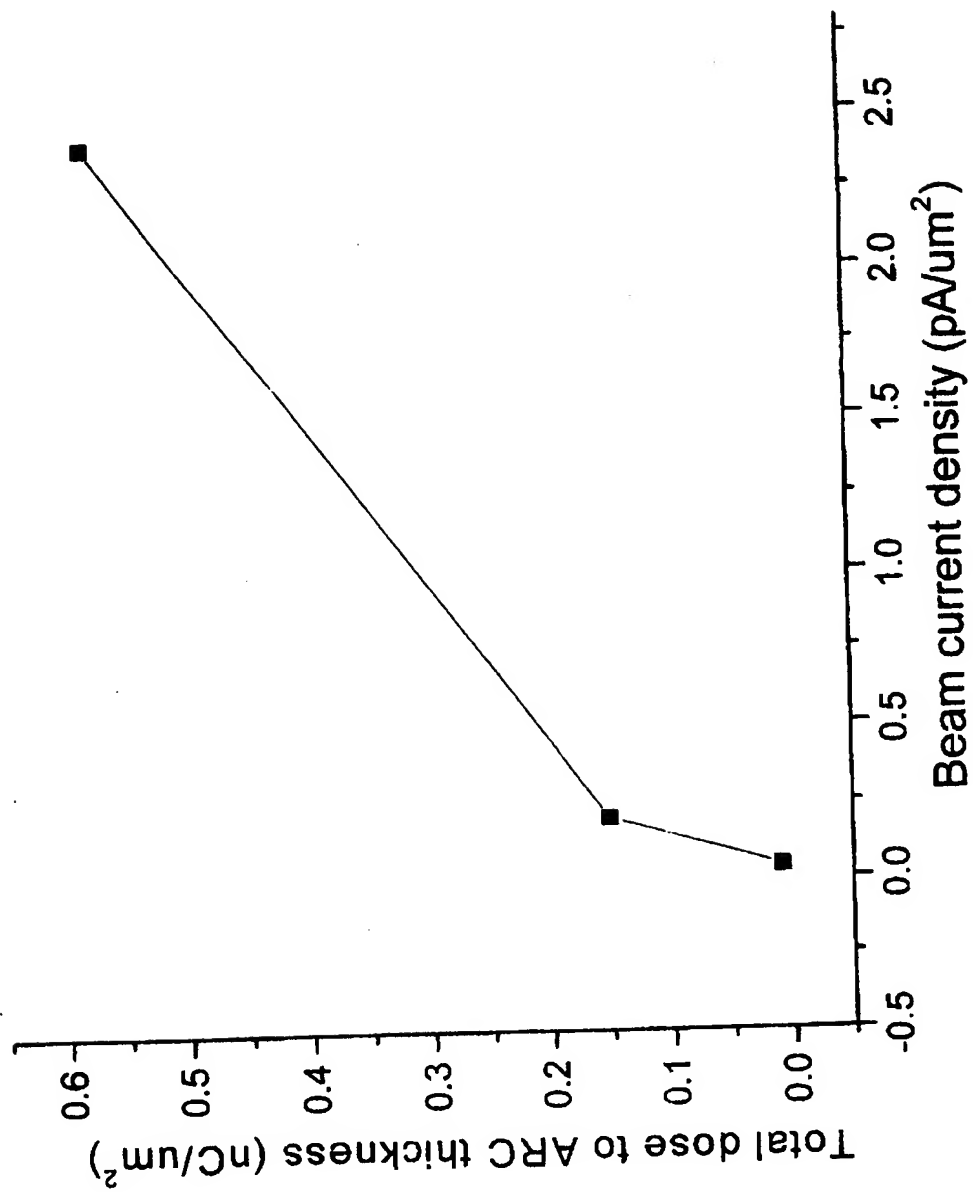


FIG. 5

Fig. 6





# Voltage contrast #1

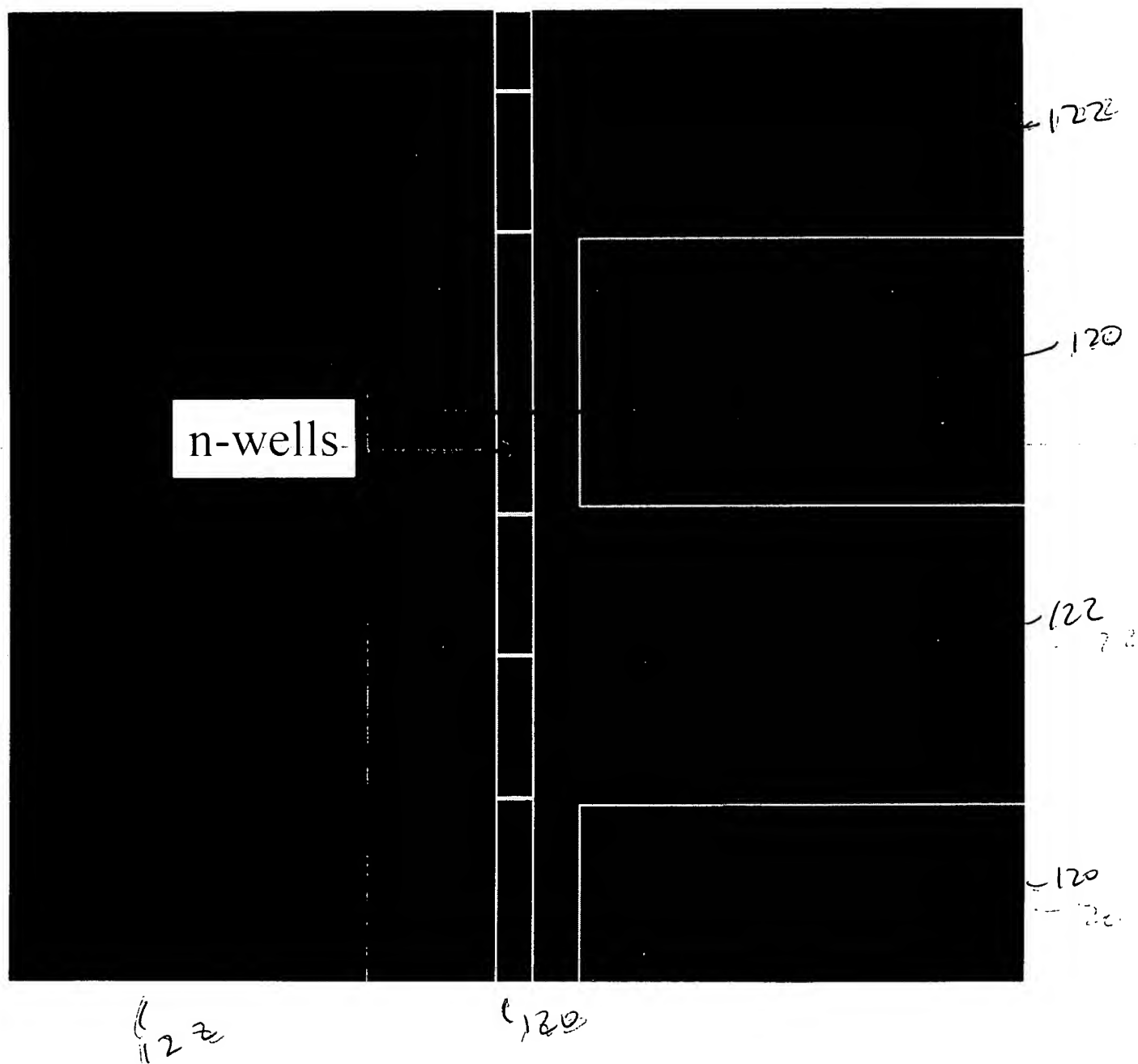


Fig 7b

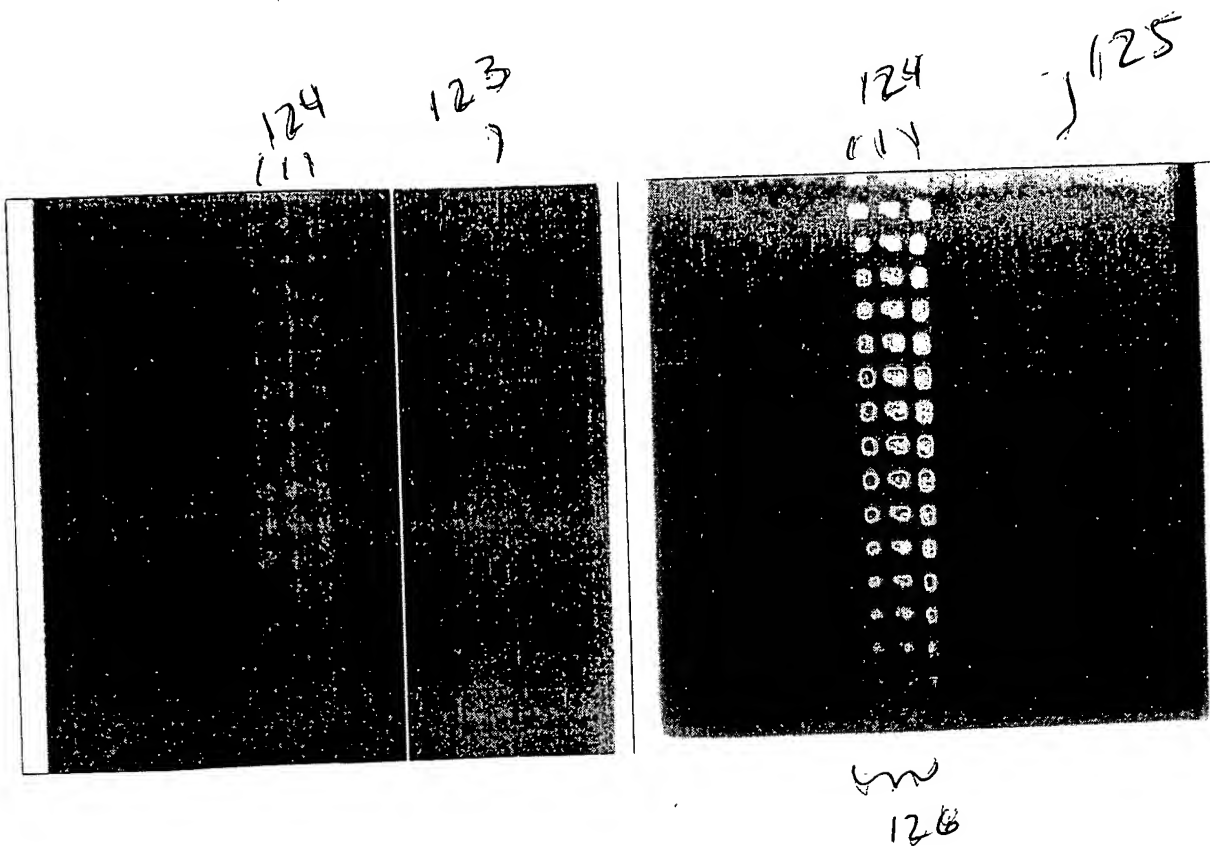
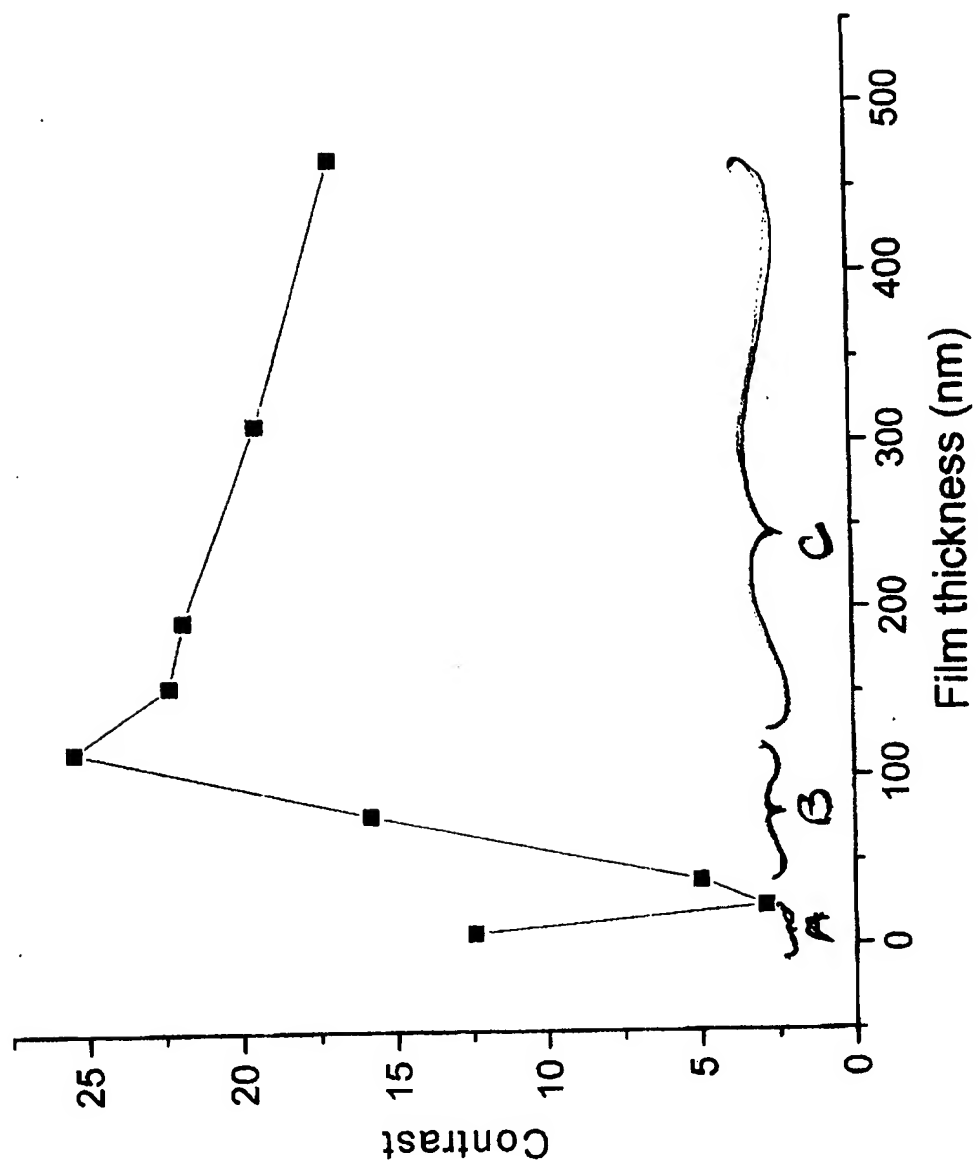


FIG. 7C

F16.8



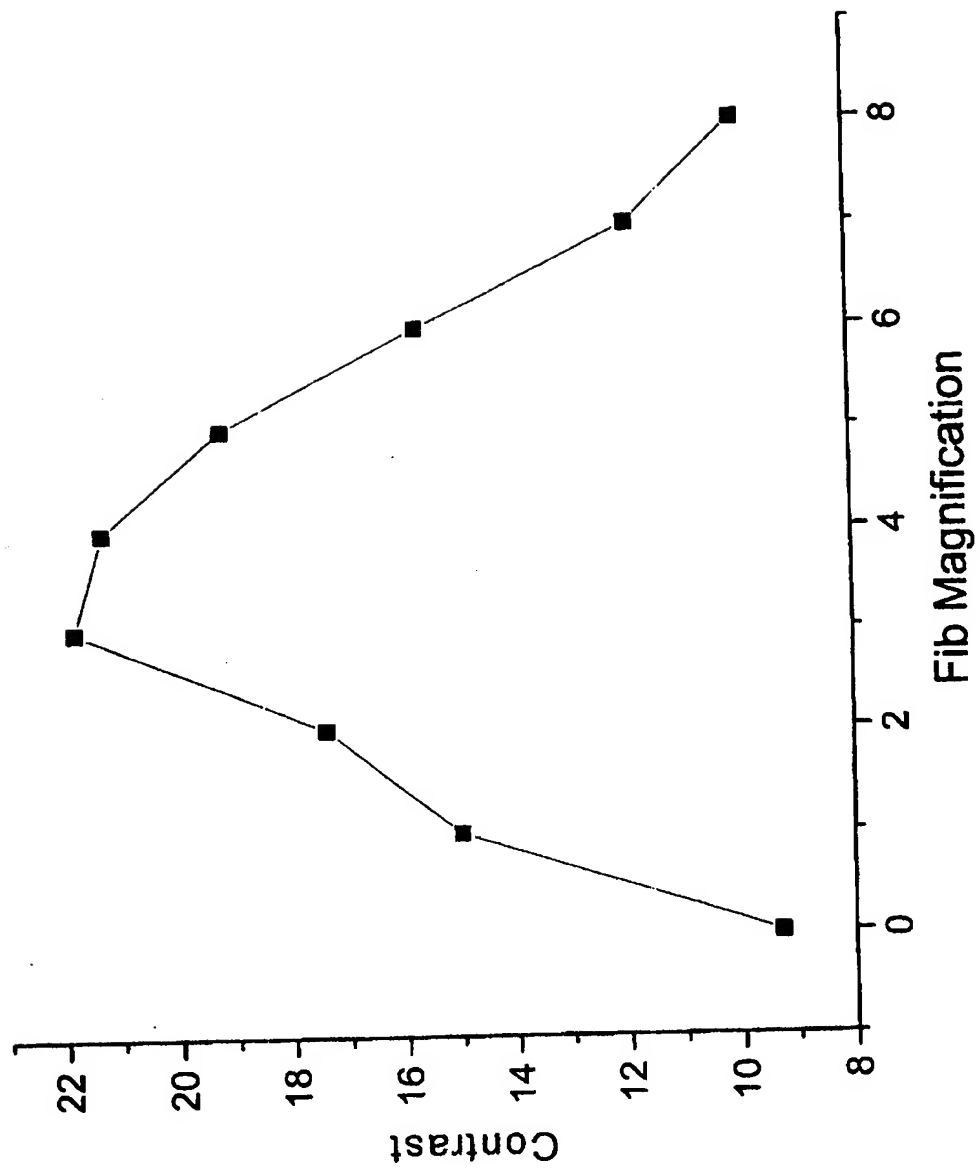


Fig. 9

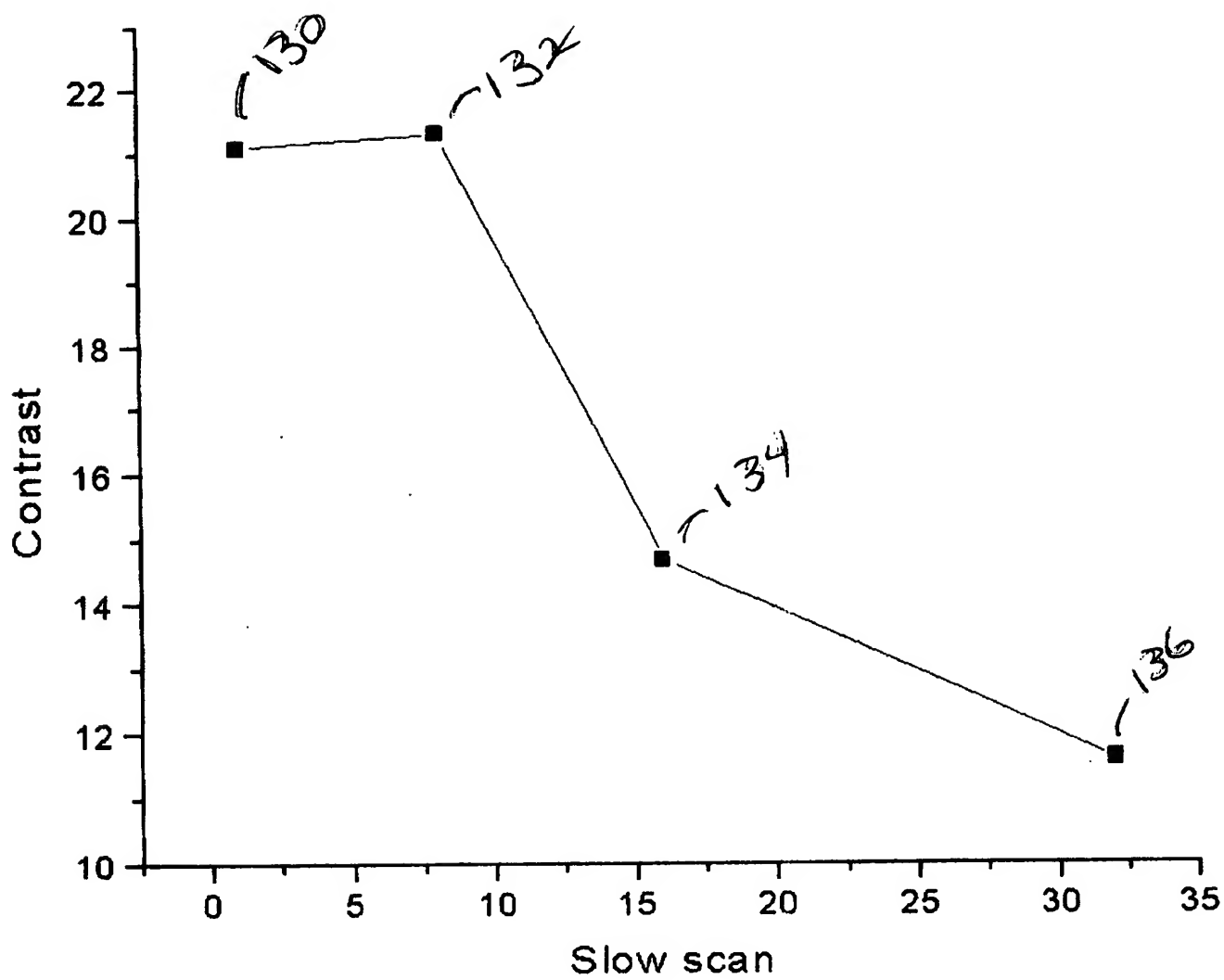


Fig. 110

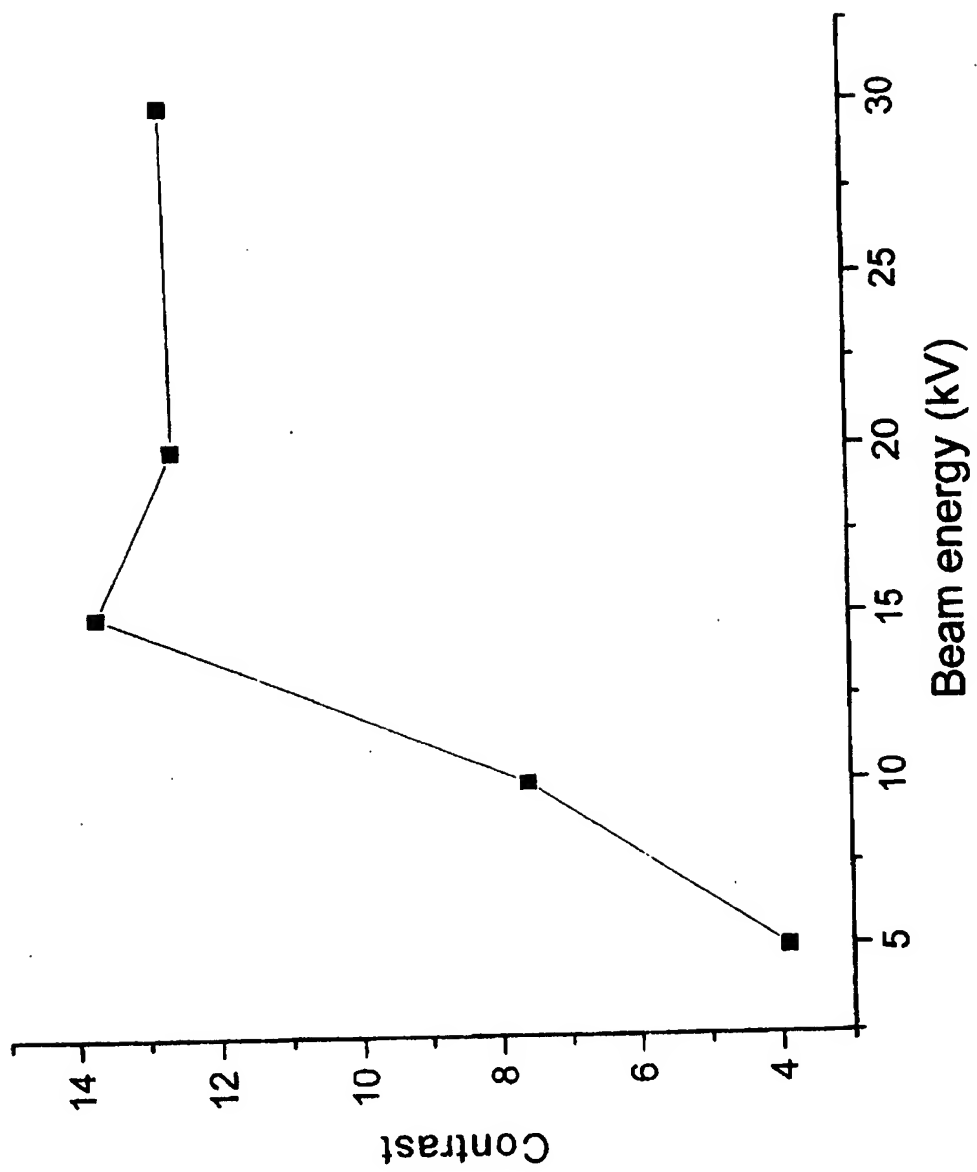


FIG 11

### VC contrast improvement at low T

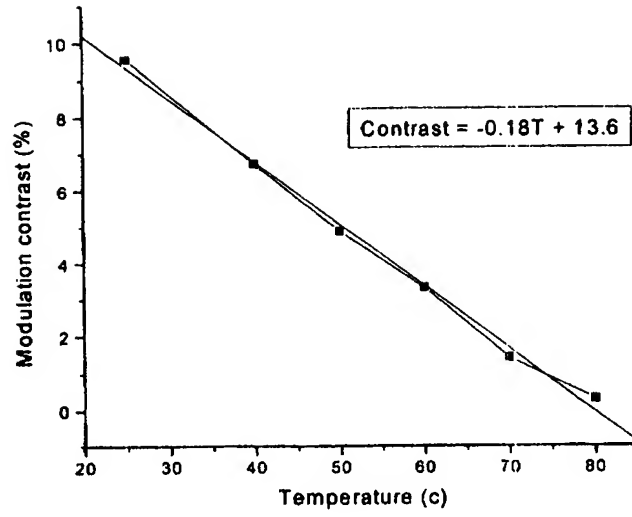


FIG. 12

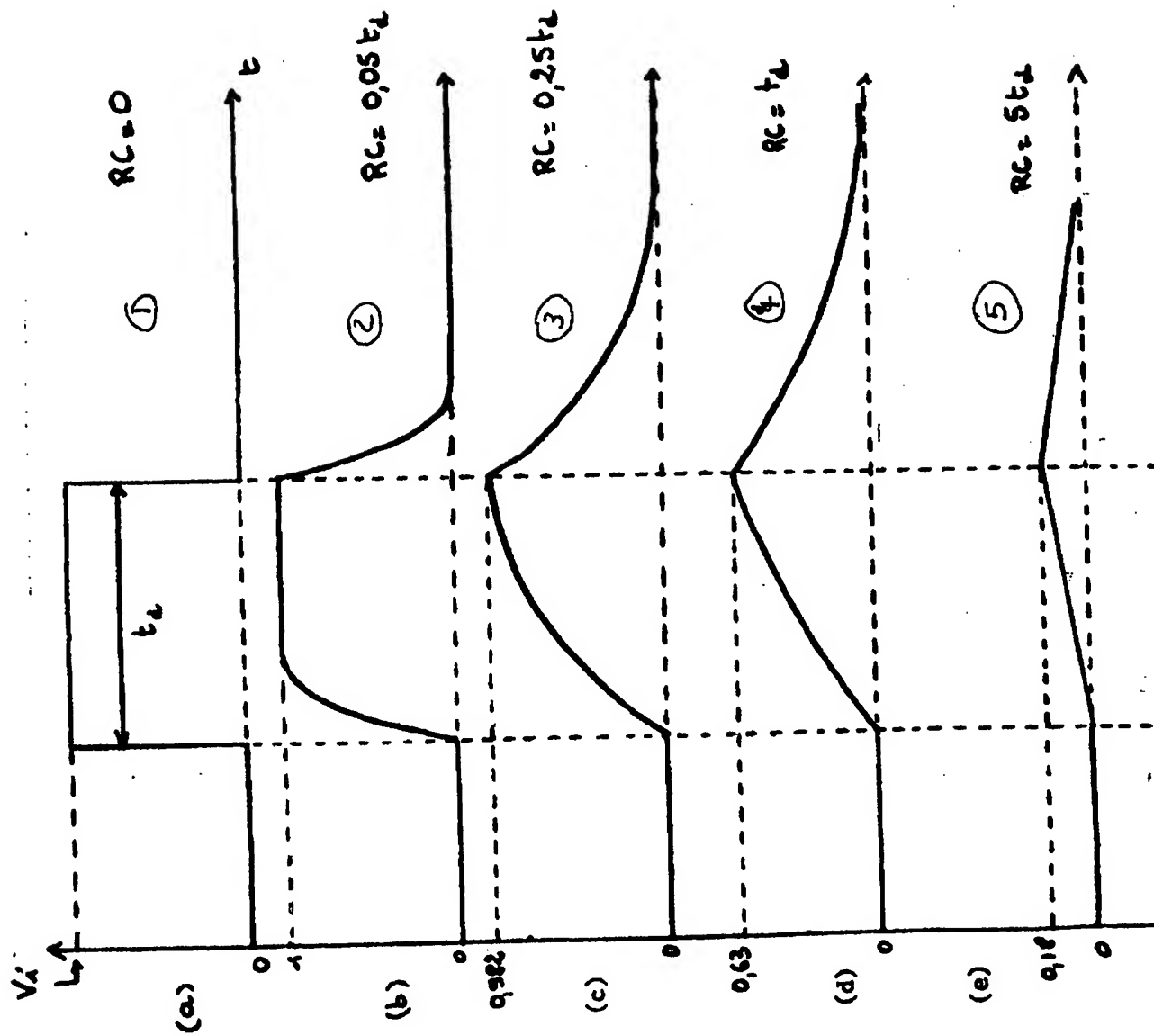
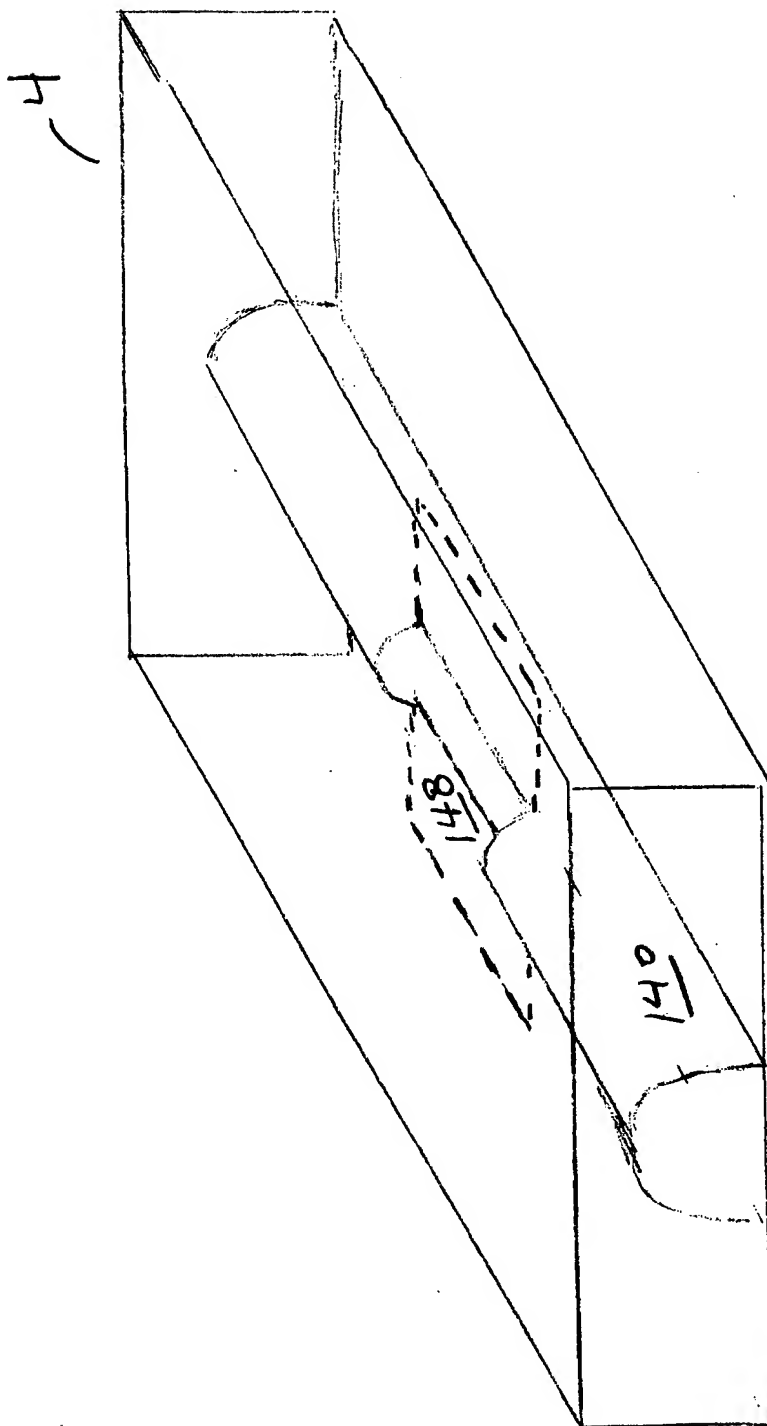


FIG. 13

FIG. 14a



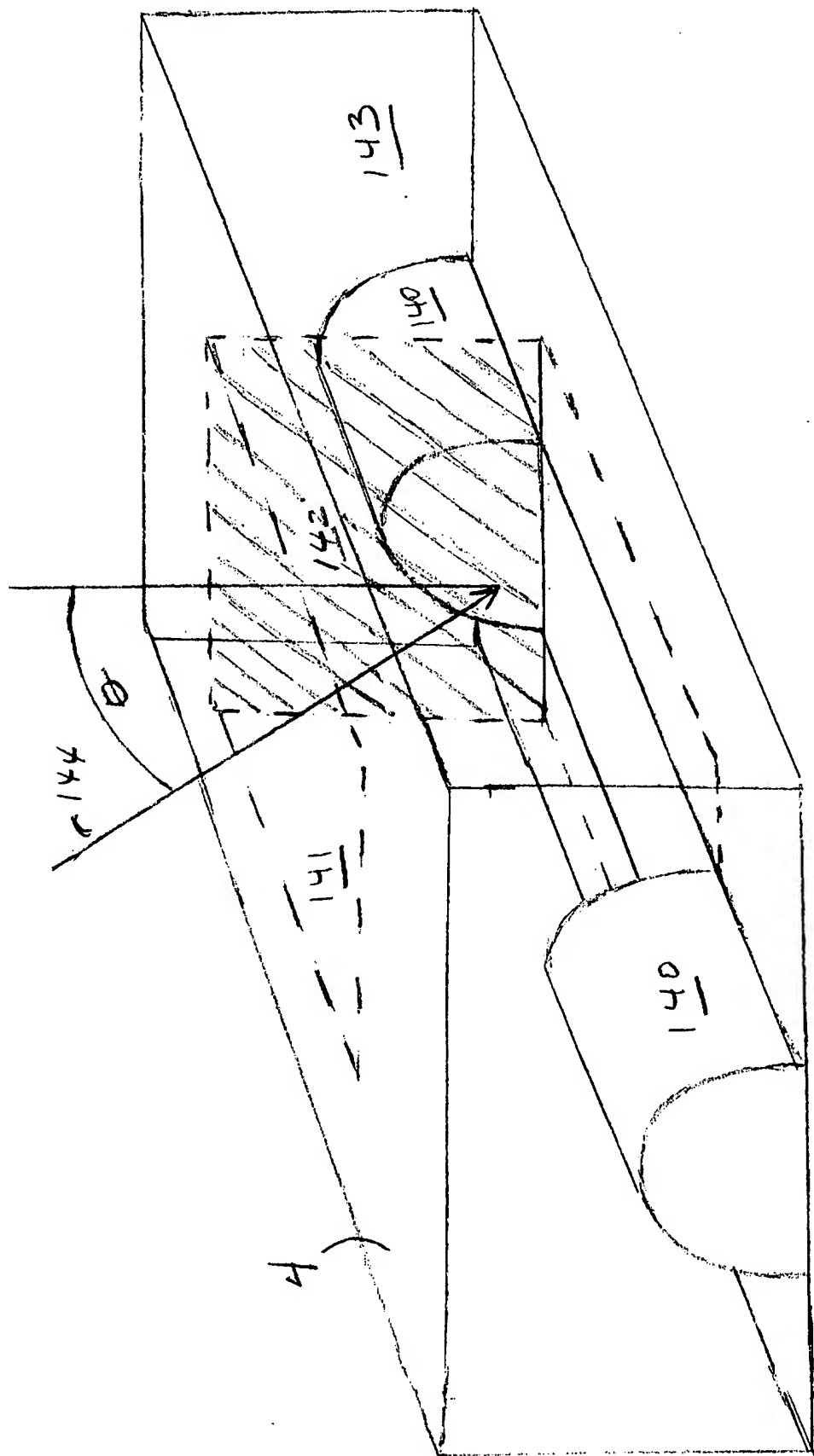


FIG. 14b

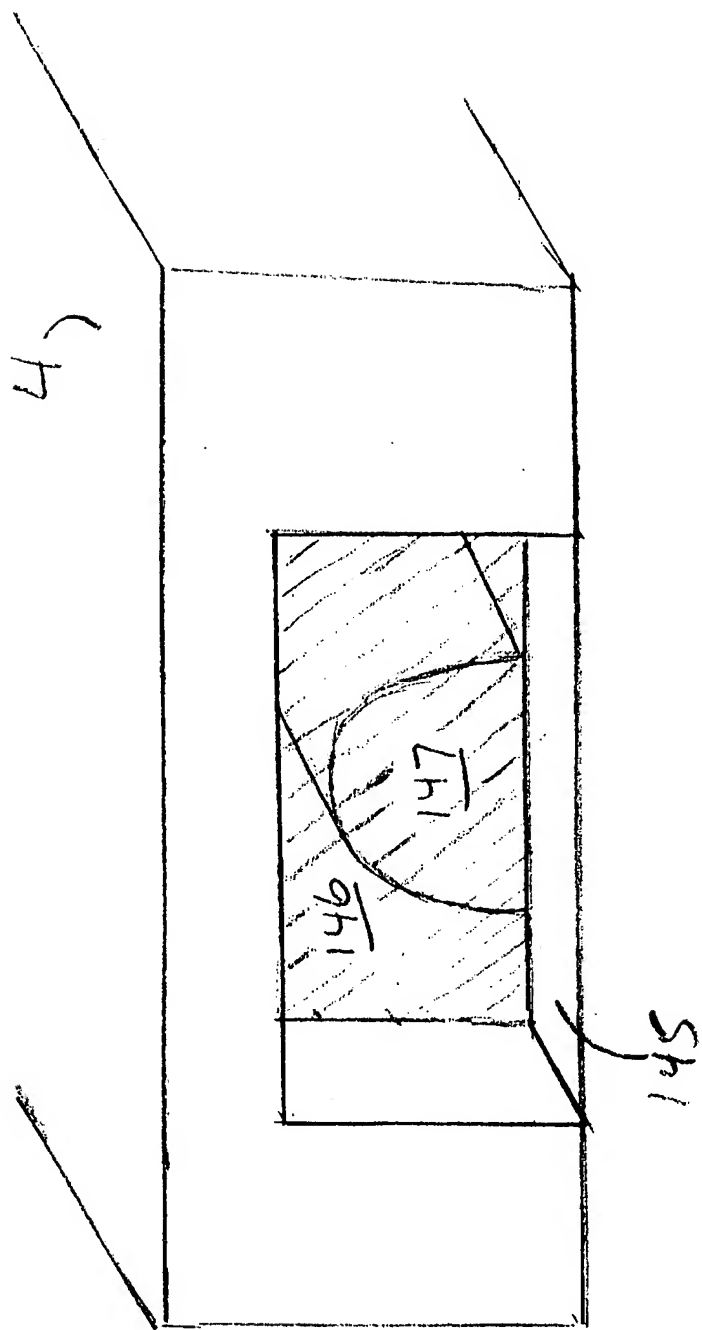


FIG. 14C

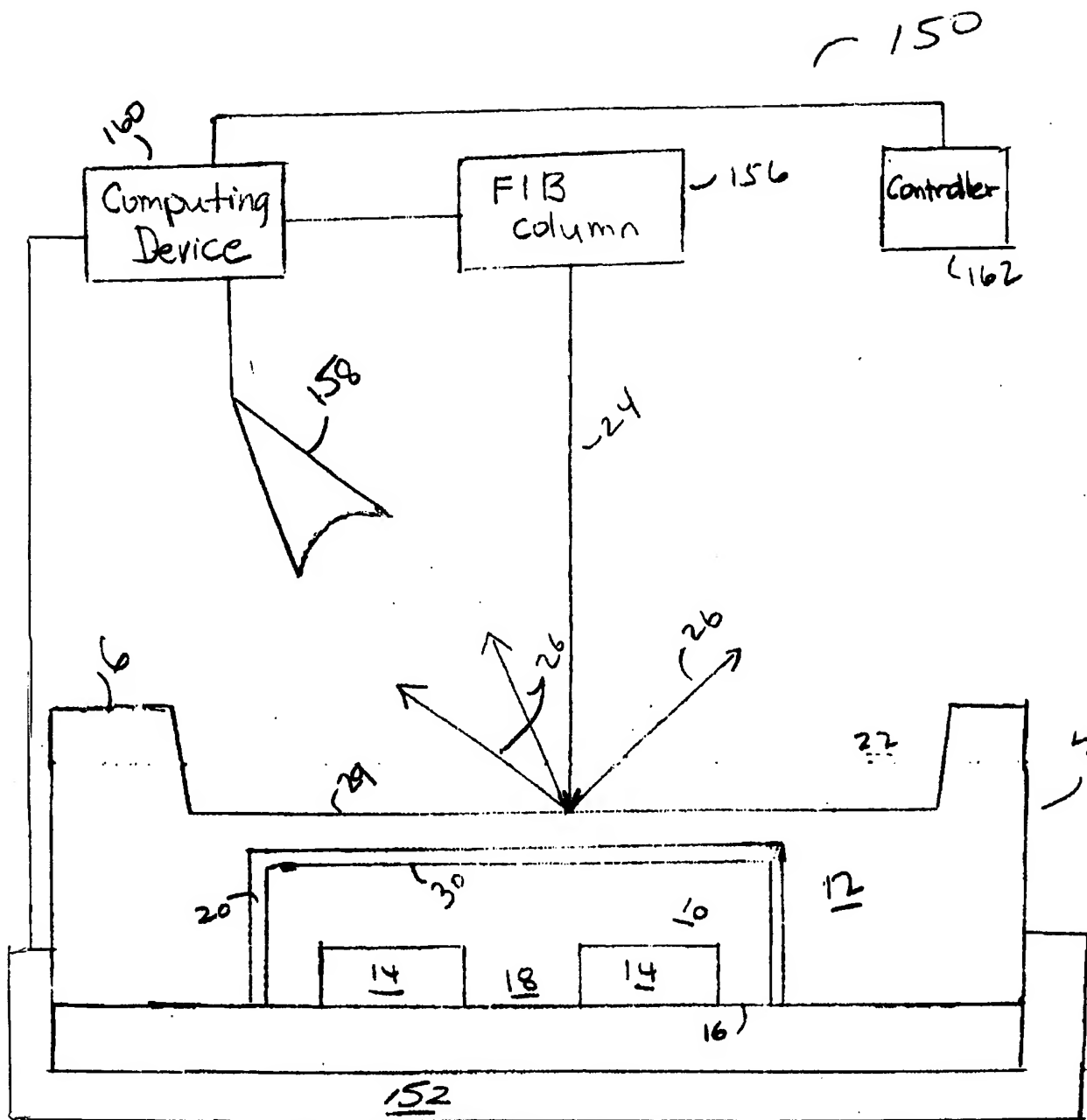


Fig. 15